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U S Department of Agriculture

Growing

CAMELLIAS

In Containers



Camellia Alba Plena

TORMEY'S GARDENS

632 So. Baldwin Avenue, Temple City, Calif.

5 Blocks South of Las Tunas Drive

Telephone Atlantic 1-3104

INSTRUCTIONS FOR GROWING CAMELLIAS IN CONTAINERS

Growing Camellias in containers has many advantages, among which may be mentioned the following:

1. Time and effort of planting in the ground is eliminated.
2. They can be enjoyed in localities where soil conditions in the garden are improper.
3. They can be moved into a protected greenhouse during the winter in sections where severe winters prevail.
4. They can be moved to protection when in flower, thus saving blooms from rain and frost damage.
5. They can easily be transported across the porch or patio—or across the country.
6. They can be placed where they are protected from hot sun and wind during the summer.
7. Over-watering is practically impossible due to excellent drainage of container.
8. They can be moved around to create any desired effect as occasion may demand.
9. They can be used to beautify any porch or patio, or fill in that blank space—permanently or temporarily.
10. They make a fine Christmas tree for the living room—if kept moist and not allowed to remain indoors over a week.

To some these may be disadvantages:

Due to small amount of soil in containers, more frequent watering will be necessary than if planted in the garden.

Plants must be changed to larger containers occasionally—possibly once in two or three years.

Only plants that have been properly handled from the start should be acquired for container growing. Container growing requires a continuous development of a fine root system. This development cannot be maintained on a plant that is "moved up" to a container larger than is required, because too rapid a spread of roots occurs, the roots becoming coarse with feeder roots developing too far away from the base of the plant.

There is a definite danger of over-fertilizing if a plant has been "moved up" to too large a container, inasmuch as the excess soil will retain more fertilizer than is required for the plant. Unlike a plant growing in the garden, the plant in a container is confined between the walls of the

CALIFORNIA SALES TAX @ 2½% EFFECTIVE JULY 1, 1943

Transaction	Tax	Transaction	Tax	Transaction	Tax
\$0.01 - \$0.14	.01	18.20 - 18.59	.46	36.20 - 36.59	.91
.15 - .59	.02	18.60 - 18.99	.47	36.60 - 36.99	.92
.60 - .99	.03	19.00 - 19.39	.48	37.00 - 37.39	.93
1.00 - 1.39	.04	19.40 - 19.79	.49	37.40 - 37.79	.94
1.40 - 1.79	.05	19.80 - 20.19	.50	37.80 - 38.19	.95
1.80 - 2.19	.06	20.20 - 20.59	.51	38.20 - 38.59	.96
2.20 - 2.59	.07	20.60 - 20.99	.52	38.60 - 38.99	.97
2.60 - 2.99	.08	21.00 - 21.39	.53	39.00 - 39.39	.98
3.00 - 3.39	.09	21.40 - 21.79	.54	39.40 - 39.79	.99
3.40 - 3.79	.10	21.80 - 22.19	.55	39.80 - 40.19	1.00
4.20 - 4.59	.11	22.20 - 22.59	.56	40.20 - 40.59	1.01
4.60 - 4.99	.12	22.60 - 22.99	.57	40.60 - 40.99	1.02
5.00 - 5.39	.13	23.00 - 23.39	.58	41.00 - 41.39	1.03
5.40 - 5.79	.14	23.40 - 23.79	.59	41.40 - 41.79	1.04
5.80 - 6.19	.15	23.80 - 24.19	.60	41.80 - 42.19	1.05
6.20 - 6.59	.16	24.20 - 24.59	.61	42.20 - 42.59	1.06
6.60 - 6.99	.17	24.60 - 24.99	.62	42.60 - 42.99	1.07
7.00 - 7.39	.18	25.00 - 25.39	.63	43.00 - 43.39	1.08
7.40 - 7.79	.19	25.40 - 25.79	.64	43.40 - 43.79	1.09
7.80 - 8.19	.20	25.80 - 26.19	.65	43.80 - 44.19	1.10
8.20 - 8.59	.21	26.20 - 26.59	.66	44.20 - 44.59	1.11
8.60 - 8.99	.22	26.60 - 26.99	.67	44.60 - 44.99	1.12
9.00 - 9.39	.23	27.00 - 27.39	.68	45.00 - 45.39	1.13
9.40 - 9.79	.24	27.40 - 27.79	.69	45.40 - 45.79	1.14
9.80 - 10.19	.25	27.80 - 28.19	.70	45.80 - 46.19	1.15
10.20 - 10.59	.26	28.20 - 28.59	.71	46.20 - 46.59	1.16
10.60 - 10.99	.27	28.60 - 28.99	.72	46.60 - 46.99	1.17
11.00 - 11.39	.28	29.00 - 29.39	.73	47.00 - 47.39	1.18
11.40 - 11.79	.29	29.40 - 29.79	.74	47.40 - 47.79	1.19
11.80 - 12.19	.30	29.80 - 30.19	.75	47.80 - 48.19	1.20
12.20 - 12.59	.31	30.20 - 30.59	.76	48.20 - 48.59	1.21
12.60 - 12.99	.32	30.60 - 30.99	.77	48.60 - 48.99	1.22
13.00 - 13.39	.33	31.00 - 31.39	.78	49.00 - 49.39	1.23
13.40 - 13.79	.34	31.40 - 31.79	.79	49.40 - 49.79	1.24
13.80 - 14.19	.35	31.80 - 32.19	.80	49.80 - 50.19	1.25
14.20 - 14.59	.36	32.20 - 32.59	.81	50.20 - 50.59	1.26
14.60 - 14.99	.37	32.60 - 32.99	.82	50.60 - 50.99	1.27
15.00 - 15.39	.38	33.00 - 33.39	.83	51.00 - 51.39	1.28
15.40 - 15.79	.39	33.40 - 33.79	.84	51.40 - 51.79	1.29
15.80 - 16.19	.40	33.80 - 34.19	.85	51.80 - 52.19	1.30
16.20 - 16.59	.41	34.20 - 34.59	.86	52.20 - 52.59	1.31
16.60 - 16.99	.42	34.60 - 34.99	.87	52.60 - 52.99	1.32
17.00 - 17.39	.43	35.00 - 35.39	.88	53.00 - 53.39	1.33
17.40 - 17.79	.44	35.40 - 35.79	.89	53.40 - 53.79	1.34
17.80 - 18.19	.45	35.80 - 36.19	.90	53.80 - 54.19	1.35

TORMEY'S—“The One Name” to remember when buying Camellias . . . You may pay a little more for Tormey's Top Quality Camellias—but you get more for your money in the long run because of their “Superior Growing Performance.”

TORMEY'S GARDENS **Temple City, Calif.**

Growers of Fine Camellias Exclusively

On Baldwin Ave.—One Mile South of Las Tunas Drive

(over)

Transaction	Tax	Transaction	Tax	Transaction	Tax
54.20 - 54.59	1.38	70.20 - 70.59	1.76	86.20 - 86.59	2.16
54.60 - 54.99	1.37	70.60 - 70.99	1.77	86.60 - 86.99	2.17
55.00 - 55.39	1.38	71.00 - 71.39	1.78	87.00 - 87.39	2.18
55.40 - 55.79	1.39	71.40 - 71.79	1.79	87.40 - 87.79	2.19
55.80 - 56.19	1.40	71.80 - 72.19	1.80	87.80 - 88.19	2.20
56.20 - 56.59	1.41	72.20 - 72.59	1.81	88.20 - 88.59	2.21
56.60 - 56.99	1.42	72.60 - 72.99	1.82	88.60 - 88.99	2.22
57.00 - 57.39	1.43	73.00 - 73.39	1.83	89.00 - 89.39	2.23
57.40 - 57.79	1.44	73.40 - 73.79	1.84	89.40 - 89.79	2.24
57.80 - 58.19	1.45	73.80 - 74.19	1.85	89.80 - 90.19	2.25
58.20 - 58.59	1.46	74.20 - 74.59	1.86	90.20 - 90.59	2.26
58.60 - 58.99	1.47	74.60 - 74.99	1.87	90.60 - 90.99	2.27
59.00 - 59.39	1.48	75.00 - 75.39	1.88	91.00 - 91.39	2.28
59.40 - 59.79	1.49	75.40 - 75.79	1.89	91.40 - 91.79	2.29
59.80 - 60.19	1.50	75.80 - 76.19	1.90	91.80 - 92.19	2.30
60.20 - 60.59	1.51	76.20 - 76.59	1.91	92.20 - 92.59	2.31
60.60 - 60.99	1.52	76.60 - 76.99	1.92	92.60 - 92.99	2.32
61.00 - 61.39	1.53	77.00 - 77.39	1.93	93.00 - 93.39	2.33
61.40 - 61.79	1.54	77.40 - 77.79	1.94	93.40 - 93.79	2.34
61.80 - 62.19	1.55	77.80 - 78.19	1.95	93.80 - 94.19	2.35
62.20 - 62.59	1.56	78.20 - 78.59	1.96	94.20 - 94.59	2.36
62.60 - 62.99	1.57	78.60 - 78.99	1.97	94.60 - 94.99	2.37
63.00 - 63.39	1.58	79.00 - 79.39	1.98	95.00 - 95.39	2.38
63.40 - 63.79	1.59	79.40 - 79.79	1.99	95.40 - 95.79	2.39
63.80 - 64.19	1.60	79.80 - 80.19	2.00	95.80 - 96.19	2.40
64.20 - 64.59	1.61	80.20 - 80.59	2.01	96.20 - 96.59	2.41
64.60 - 64.99	1.62	80.60 - 80.99	2.02	96.60 - 96.99	2.42
65.00 - 65.39	1.63	81.00 - 81.39	2.03	97.00 - 97.39	2.43
65.40 - 65.79	1.64	81.40 - 81.79	2.04	97.40 - 97.79	2.44
65.80 - 66.19	1.65	81.80 - 82.19	2.05	97.80 - 98.19	2.45
66.20 - 66.59	1.66	82.20 - 82.59	2.06	98.20 - 98.59	2.46
66.60 - 66.99	1.67	82.60 - 82.99	2.07	98.60 - 98.99	2.47
67.00 - 67.39	1.68	83.00 - 83.39	2.08	99.00 - 99.39	2.48
67.40 - 67.79	1.69	83.40 - 83.79	2.09	99.40 - 99.79	2.49
67.80 - 68.19	1.70	83.80 - 84.19	2.10	99.80 - 100.19	2.50
68.20 - 68.59	1.71	84.20 - 84.59	2.11	100.20 - 100.59	2.51
68.60 - 68.99	1.72	84.60 - 84.99	2.12	100.60 - 100.99	2.52
69.00 - 69.39	1.73	85.00 - 85.39	2.13	101.00 - 101.39	2.53
69.40 - 69.79	1.74	85.40 - 85.79	2.14	101.40 - 101.79	2.54
69.80 - 70.19	1.75	85.80 - 86.19	2.15	101.80 - 102.19	2.55

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—o—

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(over)

container and any fertilizer given the container plant has only one outlet, which is through the system of the plant.

Here at TORMEY'S GARDENS we follow the practice of "moving up" plants to containers *holding not more than twice the amount of soil*, as did the ones from which the plants are being moved.

Some varieties of Camellias are stronger growers than others and may require moving to larger containers sooner. Some may not require moving oftener than once in three years, while others may require it once in two years. When a considerable quantity of fine roots is noticeable near the surface of the soil and extending to the walls of the container, it is usually a sign that the plant should be "moved up."

Camellias from TORMEY'S are grown in Tormey's Cool Root Containers, which are standard clay plant pots, processed by ourselves. In these specially processed pots both the outer and inner surfaces are sealed permanently leaving the portion between in its original porous condition, thus creating an insulation which prevents the transmission of heat to the plant's root system and also conserves the moisture in the soil against too rapid evaporation. For the largest plants we use redwood growing boxes of the correct design and proportions.

We do *not* recommend that plants be removed from the garden and transferred to containers. Such plants usually have a root system with the feeder roots away from the base of the plant. It is more satisfactory to acquire plants that have been *progressively "moved up" properly in containers*, because of the abundance of feeder roots close to the base of the plants.

Regular red clay pots are correctly proportioned, but for larger plants redwood boxes will be most satisfactory, and we would suggest, in building boxes, that the depth be about the same as the width and that the bottom be about one and one-half inches narrower than the box is at the top. Material should be at least three-quarters of an inch thick and the box must be provided with several drain holes.

The following information relative to the soil capacity of red clay pots can be used to determine the correct size of container required for properly "moving up" plants. Capacities shown are approximate.

Pot Size.....	6"	7"	8"	9"	10"	12"
Soil Capacity in Gallons.....	3/4	1	1 1/3	2	3	5

For containers up to eight inches in diameter the top of soil in container should be at least one and one-half inches below the top of the container so as to provide space for watering and at least three inches should be allowed for watering space for larger containers. A small amount of peat moss placed on the surface of the soil in container will help retain moisture.

Care of Camellias Growing in Containers

(1) Locate plant in any convenient place where it will be protected against wind and the direct afternoon sun. A spot where shade from trees falls on the plant in the afternoon is a satisfactory location. An ideal situation is under lath, where broken sunshine is received by the plant during the entire day. This condition can be nearly duplicated by locating near trees or shrubs. Full shade for the entire day should be avoided, as Camellias require some sun if satisfactory blooms are to be produced.

(2) Proper watering is most important. Do not allow plant to become too dry as permanent injury may result. When applying water, soak the soil in the container thoroughly. It may be necessary to apply water daily, depending on weather and location of plant. If in doubt, apply water and no harm will be done because of the excellent drainage provided by containers. The soil in container should always feel moist when touched. Sprinkling the foliage of plant occasionally is beneficial.

(3) Fertilize with a good reliable make of acid food and do not experiment with anything else. We advise the use of a liquid fertilizer for feeding Camellias as the liquid penetrates the soil immediately and thoroughly. If a powdered form of fertilizer is used, it is apt to be washed away before the watering dissolves the fertilizer sufficiently to allow it to be absorbed by the soil and made available to the plant. Start fertilizing in April, repeat in June, and apply the last fertilizer for the year in August —not later.

(4) Prevent infestation of scale by spraying with an oil spray in May and September, and just as soon as new growth starts in early spring spray with Bordeaux mixture for the prevention of die-back that may affect the new growth and seriously injure plant.

Price Ten Cents

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